

METHOD FOR PERFORMING PREDICTIVE PICTURE DECODING

Abstract

A predictive decoding method includes (a) storing a plurality of first vertical predictors of a first block into a storing column of a first memory device, and storing a plurality of first horizontal predictors of a second block into a storing row of the first memory device; (b) performing a prediction operation for generating a plurality of target vertical predictors and a plurality of target vertical predictors of a target block according to the first vertical predictors and the first horizontal predictors, wherein the target block is adjacent to the first and second blocks, and the first and target blocks are located at the same row; and (c) updating the storing column of the first memory device by the target vertical predictors, and updating the storing row of the first memory device by the target horizontal predictors.